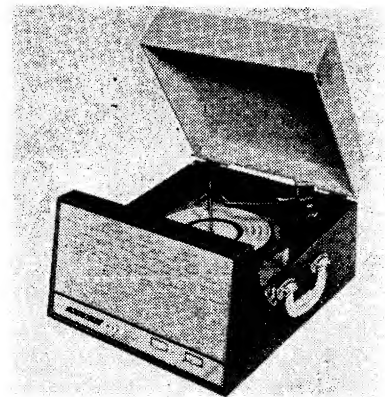


ALBA 209 and 212 portable record-players

THESE TWO record-players use a conventional metal-chassis construction, not printed circuits. Model 209 is fitted with a B.S.R. TU12 four-speed single player unit, and Model 212 with a B.S.R. UA14 four-speed record-changer unit.

Both models are designed for operation from mains supplies of 200V to 250V 50c/s a.c. only. No voltage adjustment is necessary. On the circuit diagrams, voltage readings are given—these were taken using a high resistance test-meter and represent average values.

Note also that VR2 in the amplifier of Model 212 is a 25k Ω potentiometer of the antilog type. This component is the tone control.



Model 212

Dismantling

Model 209

In Model 209, access to the chassis of the amplifier is gained by removing the motor-board of the record player. This is secured with four screws. The control knob should then be removed and also the two 4B.A. nuts which fasten the chassis of the amplifier to the board. The chassis may then be removed.

Model 212

To gain access to the amplifier chassis, remove the back cover which is fastened by two wood screws. To withdraw the amplifier, undo the two 4B.A. nuts that hold the chassis in the cabinet.

Replacement Parts

In Model 209, C1 must only be replaced with a capacitor having an adequate voltage rating and this stipulation applies also to C1 and C2 in Model 212. These capacitors provide isolation between the pick-up, or motor plate, and the chassis of the amplifiers, which, it will be seen from the circuit diagrams, are directly connected to one side of the mains supply.

In Model 209, the loudspeaker is round with a diameter of 5in; in Model 212, a 7in \times 4in elliptical loudspeaker is used.

RELEASE DATES AND ORIGINAL PRICES

Model 209
10gn; September 1963

Model 212
16½gn; September 1962

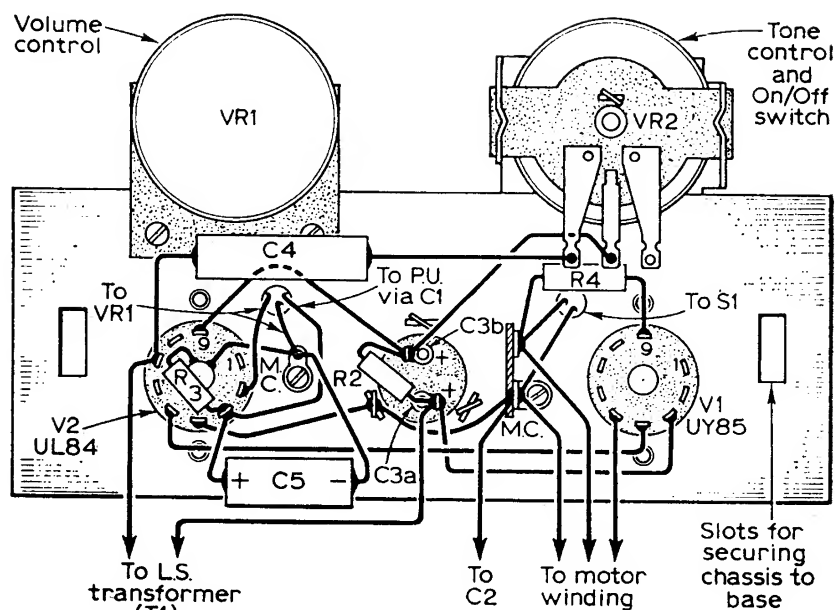


Fig. 1—Underchassis view of Model 212

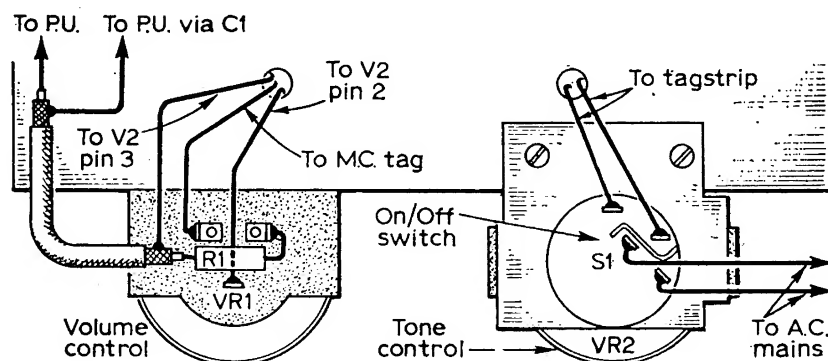


Fig. 2—Wiring of the controls on Model 212

Fig. 3—Under-chassis view of Model 209 showing the components and wiring. The chassis has been drawn flattened for clarity, and the folds are shown by dotted lines.

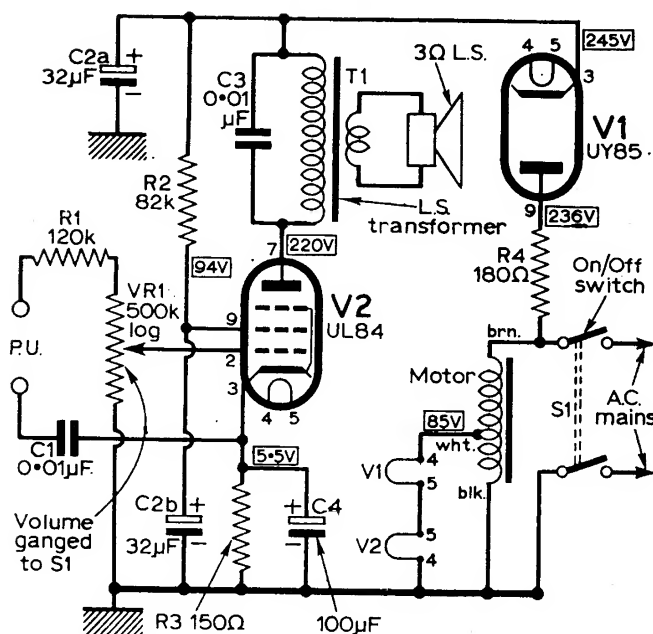
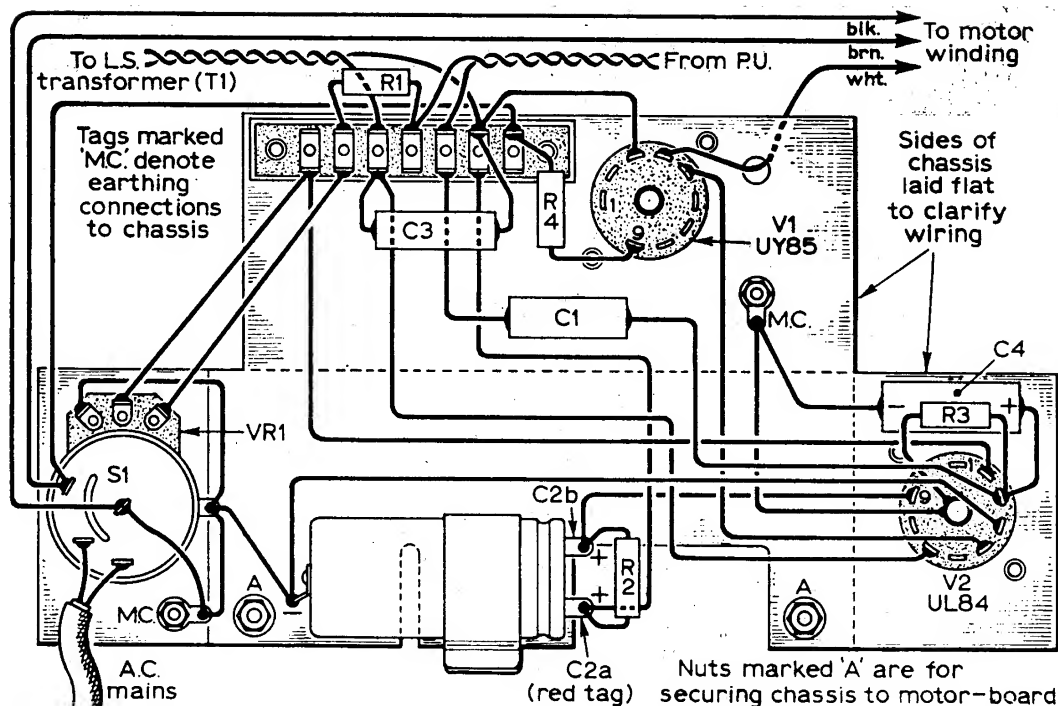


Fig. 4—The circuit diagram of Model 209.

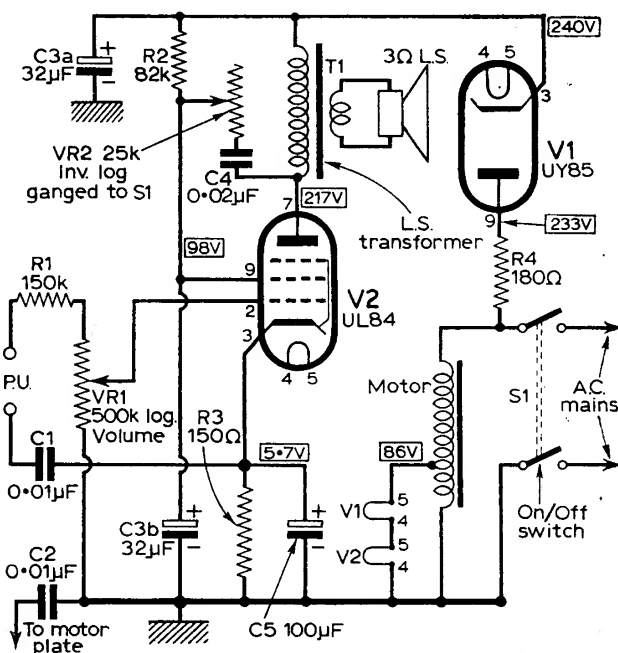


Fig. 5—The circuit diagram of Model 212.

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